



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
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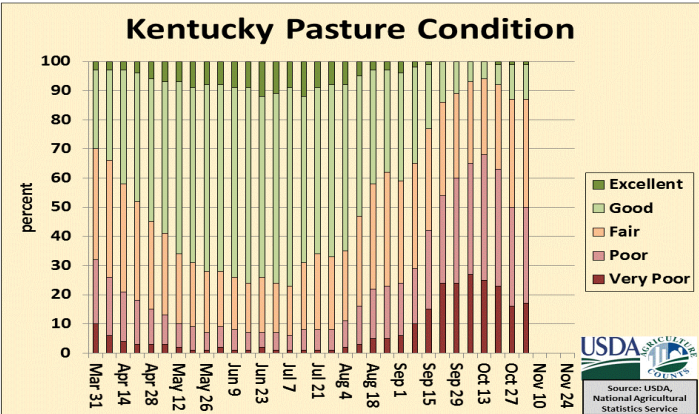
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Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.73 inches, 0.96 inches above normal. Temperatures averaged 48 degrees for the week, 5 degrees below normal. **Topsoil moisture** was rated 5 percent very short, 17 percent short, 67 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 8 percent very short, 22 percent short, 64 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 3.5 out of a possible seven.

Primary activities this week included harvesting corn and soybeans, stripping tobacco, and seeding wheat. Eighty-two percent of the wheat crop is in good to excellent condition. Heavy rains across the state halted crop harvests and wheat planting. Pastures remain in mostly fair to poor condition and have not really recovered despite recent rains. Cattle and calves obtained approximately 33 percent of feed from pastures, while much hay is being fed.

SOIL MOISTURE for week ending 11/03/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	5	17	67	11
Subsoil	8	22	64	6



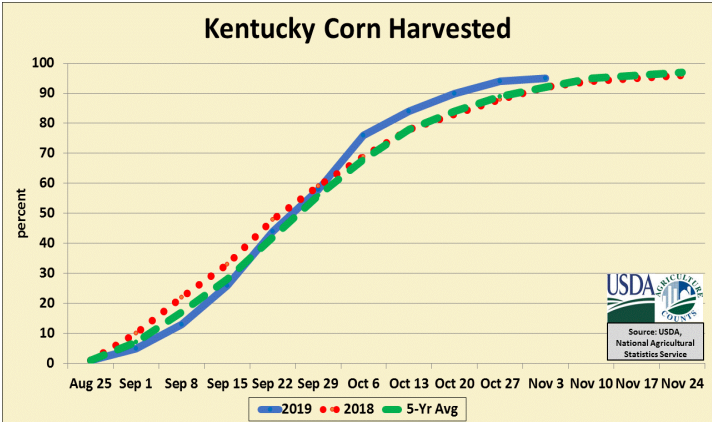
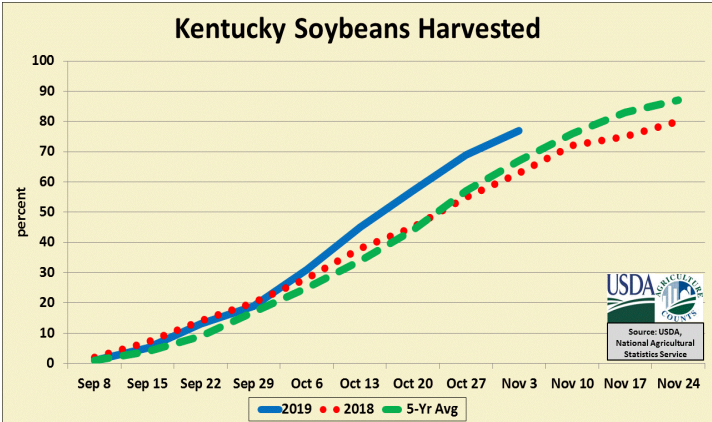
CROP PROGRESS for week ending 11/03/19

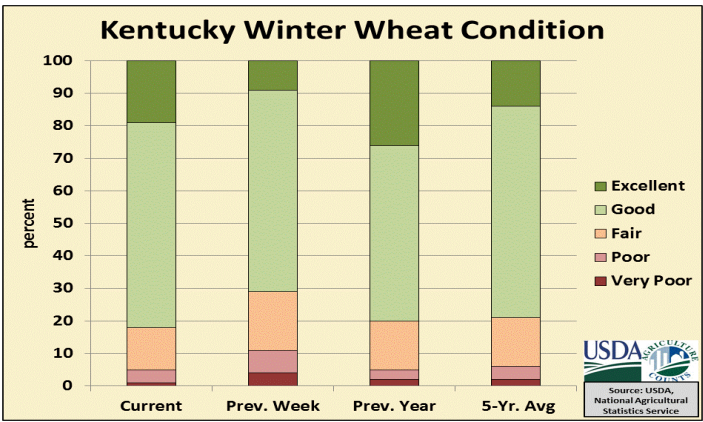
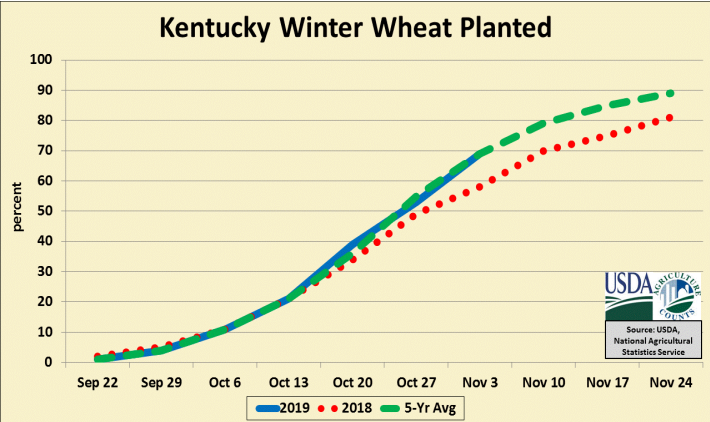
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	95	94	92	92
Soybeans Dropping Leaves	96	93	99	97
Soybeans Harvested	77	69	63	67
Tobacco Stripped	43	34	48	41
Winter Wheat Seeded	69	53	58	69
Winter Wheat Emerged	45	29	32	39

CROP CONDITIONS for week ending 11/03/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay Harvested Quality	4	10	36	46	4
Pasture	17	33	37	12	1
Tobacco Housed	2	7	24	60	7
Wheat	1	4	13	63	19

-1 Shown when data not available.





Kentucky Climate Summary
For the Period October 28, 2019 to November 3, 2019

Below Normal Temperatures and Above Normal Rainfall

After a record breaking dry September, the Bluegrass State has seen exceptionally wet conditions throughout October. That was no different for end of the month as a frontal boundary interacted with multiple disturbances to spark a couple rounds of widespread showers this past Wednesday and Thursday. Overall, the state averaged 1.73 inches, marking the third week out of the past four that the state has averaged over an inch. A large swath of area running from South Central Kentucky to the Northern Bluegrass received between 2 and 3 inches. Preliminary data suggests this month will place in the top 5 wettest October's on record. Following the passage of the cold front on Thursday, an unseasonably cold air mass settled into the area. The growing season essentially ended this past weekend with three straight days of below freezing temperatures. Most saw lows drop into the middle 20s to around 30.

Temperatures for the period averaged 48 degrees across the state which was 5 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 55 in the West to 62 in the East. Departure from normal high temperatures ranged from 11 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 38 degrees in the West to 39 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 78 degrees at PEABODY and the extreme low was 22 degrees at HARTFORD 3E.

Precipitation (liq. equ.) for the period totaled 1.73 inches statewide which was 0.96 inches above normal and 225% of normal. Precipitation totals by climate division, West 1.50 inches, Central 2.25 inches, Bluegrass 1.95 inches and East 1.20 inches, which was 0.64, 1.45, 1.24 and 0.49 inches above normal. By station, precipitation totals ranged from a low of 0.61 inches at WHITESBURG 2NW to a high of 3.87 inches at MUNFORDVILLE 6E.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/03/19 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average	
										High	Low
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	3.04	32.69	8.02	5.64	5.61	71	26	48	-4	98	25
Berea	1.58	32.36	6.46	3.75	3.82	72	25	48	-3	100	37
Bowling Green	2.70	30.75	5.02	1.89	2.14	64	28	49	-3	93	31
Bristol	1.80	30.36	6.19	5.99	3.81	79	28	53	2	100	31
Buckhorn Lake	1.05	29.21	6.61	1.87	3.97	74	27	50	-1	93	32
Cape Girardeau	0.82	40.52	6.84	13.43	4.02	60	27	46	-9	100	30
Campbellsville	3.12	30.26	6.96	-1.96	4.02	68	25	47	-5	100	36
Covington	1.40	30.02	3.51	4.47	0.86	70	28	47	-4	96	35
Cumberland Gap	1.84	35.24	5.64	5.68	2.55	66	21	45	-6	100	34
Dix Dam	2.10	29.59	6.77	1.46	4.10	71	25	48	-3	90	35
Evansville	1.24	33.68	6.17	8.06	3.48	60	27	46	-9	100	33
Glasgow	3.50	33.10	7.21	2.19	4.33	65	27	48	-4	100	35
Grayson	1.04	32.86	6.58	6.46	3.85	73	28	50	-1	100	33
Hardinsburg	1.40	34.50	4.88	5.87	2.01	60	27	47	-5	100	36
Henderson	1.83	26.97	5.32	0.46	2.67	60	23	45	-10	100	33
Huntington	1.29	29.25	6.02	2.72	3.30	77	26	50	-1	100	29
Jackson	1.31	30.30	5.69	1.82	2.96	75	27	51	0	100	36
Lexington	2.23	29.81	7.52	2.76	5.11	73	29	50	-1	90	35
London	1.25	34.85	5.96	8.35	3.35	75	27	50	-1	100	32
Louisville	1.85	28.71	4.69	2.11	2.13	70	30	50	-2	97	31
Mayfield	1.50	31.55	5.38	1.73	1.98	62	25	47	-8	100	35
Nashville	1.61	29.69	6.24	3.00	3.72	72	28	51	-1	100	29
Nolin Lake	3.44	36.39	7.42	5.82	4.41	66	26	48	-4	100	30
Paducah	1.07	40.04	5.97	11.39	3.12	60	27	47	-8	93	32
Princeton	1.60	30.57	5.53	1.82	2.61	61	26	46	-9	100	37
Quicksand	1.35	29.54	6.26	1.06	3.53	76	28	51	0	97	42
Somerset	1.25	32.38	6.04	2.22	2.98	71	24	48	-3	100	33
Spindletop	2.09	28.83	7.35	1.78	4.94	76	29	50	-1	97	35
Williamstown	2.33	32.86	4.50	5.73	1.73	69	26	46	-5	100	39

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.